(19) World Intellectual Property Organization

International Bureau



I CORRE CONTENT O CORRE COM CONTENTA DE CONTENTA DE CONTENTA CONTENTA CONTENTA CONTENTA CONTENTA CONTENTA DE C

(43) International Publication Date 20 January 2005 (20.01.2005)

PCT

(10) International Publication Number WO 2005/004656 A2

(51) International Patent Classification7: 13/12, 5/06, B29D 31/518, A43B 3/10 A43B 13/14,

(21) International Application Number:

PCT/EP2004/007196

(22) International Filing Date: 30 June 2004 (30.06.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0315277.4

1 July 2003 (01.07.2003)

(71) Applicant and

(72) Inventor: HODGSON, James, Mathew [GB/GB]; Netting Close, Netting St, Hook Norton, Banbury, Oxon OX15 5NJ (GB).

(74) Agent: HYDEN, Martin; Rouse Patents, Windsor House, Cornwall Road, Harrogate HG1 2PW (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN. CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI. GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

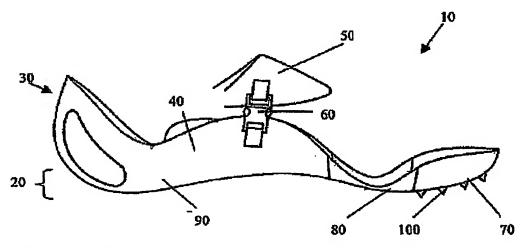
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ATHLETICS SHOE



(57) Abstract: The application relates to a sole (20) for footwear (10) which has a toe part (70) being made of a substantially inflexible material, a ball part (80) being made of a flexible material, and an instep-heel part (90) being made of a substantially inflexible material. In the preferred embodiment of the invention, the substantially inflexible material is carbon fibre in a thermoplastic epoxy resin and the flexible material of an aramide fibre in a thermoplastic epoxy resin. The application also teaches a shoe made with this sole and a method for the manufacture of the shoe.

(19) World Intellectual Property Organization

International Bureau



1 (CONTRACTOR DE CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRA

(43) International Publication Date 20 January 2005 (20.01.2005)

PCT

(10) International Publication Number WO 2005/004656 A3

(51) International Patent Classification7: 13/12, 5/06, B29D 31/518, A43B 3/10

A43B 13/14,

(21) International Application Number:

PCT/EP2004/007196

(22) International Filing Date: 30 June 2004 (30.06.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 0315277.4

1 July 2003 (01.07.2003) GB

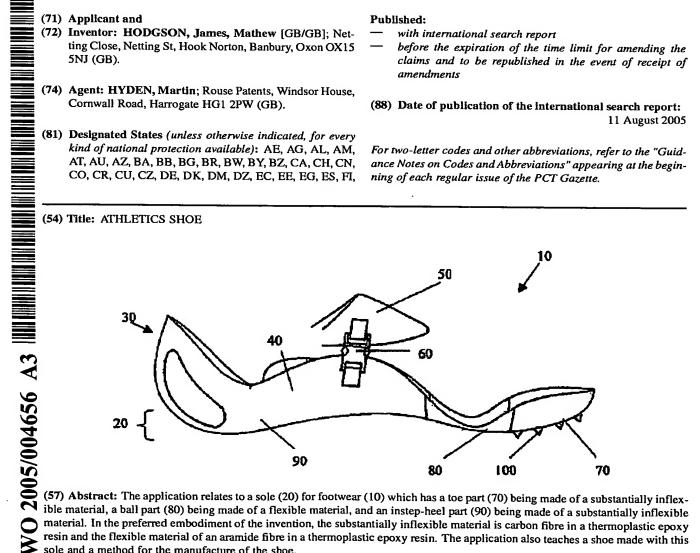
(71) Applicant and

(72) Inventor: HODGSON, James, Mathew [GB/GB]; Net-

GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:



material. In the preferred embodiment of the invention, the substantially inflexible material is carbon fibre in a thermoplastic epoxy resin and the flexible material of an aramide fibre in a thermoplastic epoxy resin. The application also teaches a shoe made with this sole and a method for the manufacture of the shoe.